

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,974,070 B2

Page 1 of 1

APPLICATION NO. : 09/924571

DATED : December 13, 2005

INVENTOR(S) : Kenneth C. Goretta, Jules L. Routbort and Felipe Gutierrez-Mora

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 3 should be corrected to read as follows:

A method for producing a construct by seamlessly, joining solid objects made up of certain sized particles, the method comprising;

a) supplying solid objects wherein the solid objects are two-phase bodies and wherein the volume percent of one phase to the other phase varies from 2 to 98;

b) supplying a joint compound having particle sizes smaller than the certain sized particles;

c) applying the joint compound to opposing surfaces of the objects to joined together;

d) heating the joint to a heating temperature of between 1000° C. and 1350° C.; and

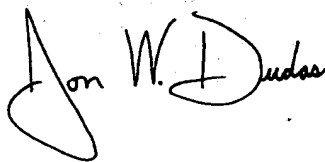
e) applying pressure to the solid objects so as to direct the opposing surfaces toward each other, wherein the joint compound is applied to a thickness that is at least five times the dimension of the largest particles contained in the joint compound, wherein superplastic deformation occurs between the objects and the joint compound.

Claim 8 should be corrected to read as follows:

The method as recited in claim 2 wherein the construct is heated to approximately 50-60 percent of the melting temperature of the lowest melting temperature constituent.

Signed and Sealed this

First Day of August, 2006

A handwritten signature in black ink that reads "Jon W. Dudas". The signature is stylized, with the first name "Jon" and last name "Dudas" clearly legible, and "W." in the middle.

JON W. DUDAS

*Director of the United States Patent and Trademark Office*